

ATTACHMENT A

PEER REVIEW MEMORANDUM

A. DATE: September 23, 2004*

BEERA _____

BGWPA: X* Peer Review continued from September 16, 2004 (no memo required for the 9/16 peer review)CASE NAME: Unimatic Manufacturing Corp.CASE NO.: E20010335JOB NO.: A1988200LOCATION: 25 Sherwood Lane, Fairfield, Essex County

QUESTIONS/RECOMMENDATIONS

1. Need approval for the 3 proposed wells (MW-4 through MW-6), this includes MW-4 moved from the location of former MW-2 to the property boundary at soil sample location PE-14. The well location is proposed on Figure 6, "Proposed Well Monitoring Locations, revised", received from GZA by fax on 9/22/04. This includes MW-6 at soil boring SB-84 (RP formerly proposed MW-5 at SB-84), and MW-5 at the northeastern property boundary.
2. Need to follow-up regarding the required ground water monitoring as outlined in the Technical Requirements for Site Remediation (TRSR).
3. Need to follow-up regarding the TC's approval/concurrence of the alternate soil cleanup number, per the TC's memos in response to the RP's Remedial Investigation Report Dated November 7, 2003 and Supplemental Remedial Investigation Report Dated January 29, 2004.
- Note that Item #3, above, was approved by the NJDEP, as stated in the RP's correspondence dated 8/20/03. The alternate cleanup standard of 100-mg/kg for soils above and below the water table was approved by the NJDEP prior to the RP's 8/20/03 letter and prior to the RP's soil removal in November 2003.

CASE MANAGER (CM): Gene P. FowlerSUPERVISOR: Jay S. Nickerson (Attended Peer Review)B. CM sig. GEOLOGIST sig. 

DECISIONS/RATIONALE AND ACTIONS REQUIRED

1. Ok to install the proposed wells, MW-4 through MW-6, in the locations as proposed by the RP dated 9/22/04.
2. The NJDEP can require Unimatic to monitor the wells for a minimum of eight-quarters as outlined in the TRSR, 6.3(e) because previously, Unimatic had PCBs in ground water that exceeded the GWQS.
- As shown in the RP's 10/02 RIR: 3 temp. wells (GW-2 through GW-4) were sampled in 4/02 for PCBs and MW-1 through MW-3 were sampled in 7/02 for PCBs.

GWQS (PCBs)	GW-2	GW-3	GW-4	MW-1	MW-2	MW-3
0.5 (ppb)	150	100	440	ND	22	ND

2. Continued

Included the following Post-Remediation Monitoring language:

The duration of the post-remedial monitoring shall be as per the requirements of the TRSR, N.J.A.C. 7:26E-6.3(e). As per the ~~the~~ duration of the N.J.A.C. 7:26E-6.3(e), the duration of the post-remedial monitoring shall occur for a minimum of two years. Petitions for a variance from the requirements can be submitted. The petition shall be as per the TRSR, 1.6(e). It is recommended that after one year of monitoring, the monitoring results accompanied by a proposal be submitted to the NJDEP for review. The downgradient monitoring wells shall be identified.

3. Based on Unimatic's proposal in their letter dated August 20, 2003:

The NJDEP's reply is that Unimatic shall be advised that if the ground water analysis for PCBs remains above the NJDEP's Ground Water Quality Standards (GWQS), N.J.A.C. 7:9-6, of 0.5 parts-per-billion (ppb), as previously found in MW-2 at 22-ppb during the July 2002 sampling event, then the alternate soil cleanup number is no longer applicable and Unimatic shall remediate all soils to the NJDEP's Impact to Ground Water Soil Cleanup Criteria (IGWSCC) of 50 milligrams per kilogram (mg/kg) and Residential Direct Contact Soil Cleanup Criteria (RDCSCC), 0.49 mg/kg, for all soils above and below the water table, respectively.